
**IMPLANTABLE CARDIAC STIMULATION DEVICE HAVING
AUTOMATIC SENSITIVITY CONTROL AND METHOD**

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Abstract of the Disclosure

10 An implantable cardiac stimulation device and method provides
reliable sensing of cardiac events to support cardiac pacing or fibrillation
detection. The device comprises a sensing circuit that senses the cardiac
events in accordance with a plurality of threshold characterizing
parameters. A parameter control adjusts the threshold parameters
responsive to the rate of the sensed cardiac events in a manner which
15 precludes positive feedback to prevent continued oversensing,
undersensing, or noise sensing.

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